

# **FEDERAL ITEM IDENTIFICATION GUIDE**

## **CABLE ASSEMBLY, PRINTED, FLEXIBLE**

### **ITEM NAME CODE**

### **35612**

This Reprint replaces FIIG A509C, dated February 6, 2004



Commander

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This Federal Item Identification Guide for Supply Cataloging is issued under the authority of Department of Defense Instruction 5025.7.

The use of this publication is mandatory for US. Federal Activities participating in Federal Catalog System Operations.

BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

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## SECTION I

MRC	Mode Code	Requirements
NAME	D	ITEM NAME
		Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.
		Reply Instructions: Enter the Item Name Code applicable to this FIIG. (e.g., NAMED35612*)
AGBH	A	CABLE IDENTIFICATION
		Definition: THE SPECIFICATION, STANDARD, OR MANUFACTURERS IDENTIFICATION NUMBER OR SYMBOL USED TO IDENTIFY THE CABLE.
		Reply Instructions: Enter the cable identification number or symbol. (e.g., AGBHA1234567*; AGBHA1234567\$\$A987654*)
AGBN	A	CABLE MANUFACTURER CODE
		Definition: THE IDENTIFYING ALPHA/NUMERIC CODE OF THE ORIGINATOR THAT CONTROLS DESIGN OR MANUFACTURES THE CABLE.
		Reply Instructions: Enter the 5-position Commercial and/or Government Entity (CAGE) Code from Cataloging Handbook H4/H8. (e.g., AGBNA97942*)
AGBG	A	CONNECTOR IDENTIFICATION
		Definition: THE SPECIFICATION, STANDARD, OR MANUFACTURER'S NUMBER OR SYMBOL USED TO IDENTIFY THE CONNECTOR.
		Reply Instructions: Enter the connector identification number or symbol. (e.g., AGBGACA265*; AGBGAMS-750270\$\$ACA265*)
AEEE	A	CONNECTOR MANUFACTURER CODE
		Definition: THE IDENTIFYING NUMERIC CODE OF THE ORIGINATOR THAT CONTROLS OR MANUFACTURES THE ELECTRICAL CONNECTOR RECEPTACLE.
		Reply Instructions: Enter the 5-position Commercial and/or Government Entity (CAGE) Code from Cataloging Handbook H4/H8. (e.g., AEEEA81349*)

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For multiple replies, use AND coding (\$\$), entering replies in the same sequence as MRC AGBH. (e. g., AEEEA81349\$\$A02660\*)

ASQB      J                      CABLE ASSEMBLY OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE CABLE ASSEMBLY.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ASQBJAA6.000\*; ASQBJLA500.0\*; ASQBJFB4.833\$\$JFC5.333\*)

Table 1

REPLY CODE

F

A

M

L

REPLY (AA05)

FEET

INCHES

METERS

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

CYKA      J                      CABLE ASSEMBLY OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE CABLE ASSEMBLY, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., CYKAJAA6.000\*; CYKAJLA500.0\*; CYKAJFB4.833\$\$JFC5.333\*)

Table 1

REPLY CODE

F

A

M

L

REPLY (AA05)

FEET

INCHES

METERS

MILLIMETERS

Table 2

REPLY CODE

REPLY (AC20)

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A	NOMINAL
B	MINIMUM
C	MAXIMUM

AMQN \*    A                    CONDUCTOR QUANTITY

Definition: THE NUMBER OF ELECTRICAL CONDUCTORS INCLUDED ON THE ITEM.

Reply Instructions: Enter the total quantity of conductors including neutral conductor(s). Exclude auxiliary wires such as shielding, messenger, drain, reinforcement and ground wires. (e.g., AMQNA6\*)

CXCW \*    D                    CONDUCTOR FORM

Definition: THE FABRICATED FORM OF THE CONDUCTOR.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CXCWDBN\*; CXCWDBN\$DBP\*)

<u>REPLY CODE</u>	<u>REPLY (AF31)</u>
BN	DEPOSITED
BP	ETCHED
BQ	PRINTED

AWTB \*    J                    ACCESSORY WIRE TYPE AND QUANTITY

Definition: INDICATES THE TYPE AND NUMBER OF ACCESSORY WIRES FURNISHED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the quantity. (e.g., AWTBJABM3\*; AWTBJABP3\$\$JABQ1\*)

<u>REPLY CODE</u>	<u>REPLY (AL37)</u>
ABM	DRAIN
ABN	GROUND
ABP	MESSENGER
ABQ	REINFORCEMENT

CXFK \*    J                    VOLTAGE RATING

Definition: THE MAXIMUM SUSTAINED VOLTAGE THAT CAN BE SAFELY APPLIED TO THE ITEM WITHOUT RISKING FAILURE OR DAMAGE.

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MRC      Mode Code      Requirements

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Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CXFKJAX50.0\*)

<u>REPLY CODE</u>	<u>REPLY (AH16)</u>
AX	AC MAXIMUM RATED WORKING VOLTAGE
AY	DC MAXIMUM RATED WORKING VOLTAGE
AZ	DIELECTRIC TEST VOLTAGE
AW	MAXIMUM PEAK OPERATING VOLTAGE
AT	MAXIMUM ROOT MEAN SQUARE (RMS) OPERATING VOLTAGE
BA	SERVICE VOLTAGE

CQBF \*      J                      INSULATION RESISTANCE AT MAXIMUM OPERATING  
TEMPERATURE

Definition: DIRECT CURRENT RESISTANCE BETWEEN TWO CONDUCTORS THAT ARE SEPARATED BY AN INSULATING MATERIAL, MEASURED AT THE MAXIMUM OPERATING TEMPERATURE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CQBFJZZ300.0\*)

<u>REPLY CODE</u>	<u>REPLY (AN86)</u>
KZ	KILOHMS
ZZ	OHMS

ACYW \*      J                      IMPEDANCE RATING IN OHMS

Definition: THE TOTAL OPPOSITION (RESISTIVE AND REACTIVE) WHICH THE ITEM OFFERS TO THE FLOW OF AN ALTERNATING CURRENT, EXPRESSED IN OHMS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ACYWJA300.0\*; ACYWJB298.5\$\$JC301.5\*)

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ABJH \*      J                      TEMP RATING

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Definition: A VALUE WHICH EXPRESSES THE DEGREE OF HEAT OR COLD AS APPLIED TO THE OPERATION, OR LIMITATION OF OPERATION, OF AN ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. If the source document indicates a value below zero degrees, precede the entered value with the letter M (minus). (e.g., ABJHJCM50.0\*; ABJHJCM50.0\$\$JC300.0\*; ABJHJF100.0\*)

<u>REPLY CODE</u>	<u>REPLY (AB36)</u>
C	DEG CELSIUS
F	DEG FAHRENHEIT

BXNT      A      TERMINATION QUANTITY

Definition: THE NUMBER OF TERMINATIONS PROVIDED.

Reply Instructions: Enter the quantity of terminals on the item. (e.g., BXNTA2\*)

AKRZ      D      TERMINATION TYPE

Definition: INDICATES THE TYPE OF FACILITY PROVIDED ON THE DEVICE FOR ATTACHING TO ANOTHER ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKRZDGL\*; AKRZDGL\$\$DDL\*; AKRZDGL\$DDL\*)

<u>REPLY CODE</u>	<u>REPLY (AE79)</u>
EK	CONNECTOR
FS	CONNECTOR BOX
EB	CONNECTOR PLUG
AB	CONNECTOR RECEPTACLE
FZ	FLAT CABLE CONNECTOR FEMALE ANGLE
GA	FLAT CABLE CONNECTOR FEMALE STRAIGHT
GB	FLAT CABLE CONNECTOR MALE ANGLE
GC	FLAT CABLE CONNECTOR MALE STRAIGHT
JB	SQUARE CUT
EN	STRIPPED
DJ	STRIPPED-SILVER PLATED
DH	STRIPPED-TINNED
GL	TERMINAL QUICK DISCONNECT
DL	UNPROCESSED



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AGAV      G      END ITEM IDENTIFICATION

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END ITEM EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the applicable reply in clear text.

(e.g., AGAVG3930-00-000-0000\*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A\*)

ADZC \*      D      ENVIRONMENTAL PROTECTION

Definition: THE ENVIRONMENTAL ELEMENTS OR CONDITIONS THAT AN ITEM IS DESIGNED OR PROTECTED TO RESIST OR WITHSTAND SATISFACTORILY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADZCDAAB\*; ADZCDAAB\$\$DAAC\*)

REPLY CODE

ABX  
AAB  
AAC  
AAJ  
AAL  
AAW  
AED  
ABA  
ABE  
AEB  
ABJ

REPLY (AA65)

ABRASION RESISTANT  
CHEMICAL RESISTANT  
CORROSION RESISTANT  
FIRE RESISTANT  
FUEL RESISTANT  
MOISTURE RESISTANT  
RADIATION RESISTANT  
SALT WATER RESISTANT  
SHOCK RESISTANT  
SUNLIGHT RESISTANT  
VIBRATION RESISTANT

NHCF \*      D      NUCLEAR HARDNESS CRITICAL FEATURE

NOTE: If the Criticality Code is E, H, or M, reply to MRC NHCF

Definition: AN INDICATION OF THE NUCLEAR HARDNESS CRITICALITY OF THE ITEM.

Reply Instructions: Enter the Reply Code from the table below. (e.g., NHCFCY\*)

REPLY CODE

CY

REPLY (AD05)

HARDENED

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CBBL \*      D      FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDABA\*; CBBLDABA\$\$DABK\*)

<u>REPLY</u> <u>CODE</u>	<u>REPLY (AN47)</u>
BHL	CABLE GRIP
ALC	COMMUNICATION CABLE
AFE	CONDUCTOR INSPECTION ACCOMMODATION
DBN	ELECTROMAGNETIC INTERFERENCE SHIELDING
ADP	INTERNALLY GROUNDED
EAH	NON-PVC (POLY-VINYL CHLORIDE)
ABA	PRESSURE TIGHT OUTLET SIDE
ABK	RADIO INTERFERENCE SHIELDING

FEAT \*      G      SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. (e.g., FEATGQUALITY CONTROLLED\*)

ZZZK \*      J      SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

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(e.g., ZZZKJT81337-30642B\*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/\*;

ZZZKJP80205-NAS1103\*;

ZZZKJS81349-MIL-C-1140C/CE/\*;

ZZZKJT81337-30642B\$\$JP80205-NAS1103\*)

REPLY  
CODE

REPLY (AN62)

S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

ZZZT \*      J              NONDEFINITIVE SPEC/STD DATA

NOTE: If the specification/standard cited in reply to MRC ZZZK is nondefinitive, reply to MRC ZZZT. This reply is the data which is not recorded in Segment C.

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1\*; ZZZTJTY1\$\$JSTA\*; ZZZTJTY1\$JSTA\*)

ZZZY \*      G              REFERENCE NUMBER DIFFERENTIATING  
CHARACTERISTICS

Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS\*; ZZZYGAS DIFFERENTIATED BY MATERIAL\*)

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CRTL \*      A      CRITICALITY CODE JUSTIFICATION

Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAACKJA\*; CRTLAACKJA\$\$ACSGS\*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

PRPY \*      A      PROPRIETARY CHARACTERISTICS

NOTE: If Document Availability Code B, D, F, or H, reply to MRC PRPY.

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding (\$\$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS\*; PRPYANPAC\*; PRPYAAKJA\$\$ACSGS\*)

ELRN \*      G      EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365\*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

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MRC	Mode Code	Requirements
		In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.
CLQL *	G	COLLOQUIAL NAME  Definition: A COMMON USAGE NAME BY WHICH AN ITEM IS KNOWN.  Reply Instructions: Enter the reply in clear text. (e.g., CLQLGWOVEN WIRE CLOTH*)
CXCY *	G	PART NAME ASSIGNED BY CONTROLLING AGENCY  Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.  Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)

**Reply Tables**

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Table 1 - NONDEFINITIVE SPEC/STD DATA  
NONDEFINITIVE SPEC/STD DATA

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
ML	MATERIAL
MH	MESH
ME	METHOD
MD	MODEL

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH



## Reference Drawing Groups

**No table of contents entries found.**

## **FIIG Change List**

FIIG Change List, Effective December 4, 2009

Added MRC NHCF.